

THREE-PIECE BARREL HINGE

ABSTRACT OF THE DISCLOSURE

A barrel hinge having a female barrel portion and two male barrel portions. The female barrel portion has a sidewall with an aperture formed therein, a length, two ends, and an outside surface, and an axial bore, with an interior wall surface and a diameter, which extends from end to end. The male barrel portions each have a main body portion with an outer surface, and a pin extension. The pin extensions have a pin length and pin diameter, the pin extensions having ends, the pin diameter being sized to be received within the interior bore of the female barrel portion. The sum of the pin lengths of the pin extensions of the first and second barrel portions is less than the length of the interior bore of the female barrel portion. When the pin extensions of the two male barrel portions are fully inserted into the interior bore of the female barrel portion, a grease reservoir cavity is defined by the space between the ends of the first and second pin extensions and the interior bore and is in the vicinity of the aperture in the sidewall of the female barrel portion. A lubricant fitting is affixed within the aperture in the sidewall of the female barrel portion.

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